



Approved for use through 04/30/2003. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

er the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known

Application Number 10/052,613

Filing Date January 17, 200 PECEIVE

First Named Inventor Hong

Art Unit 2621 26 24 JUN 2 3 2008

Examiner Name Unknown April 10 c

(Use as mrny sheets as necessary)

Sheet 1 of 3 Attorney Docket Number PA1732US Technology Center 2600

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2 (if known)</sup>	00 03 4000	1	Figures Appear
A()		us- 5,956,431	09-21-1999	lourcha et al.	38/253
b		<sup>US-</sup> 5,734,744	03-31-1998	Wittenstein et al.	1, 382/TGC
ľ		<sup>US-</sup> 5,822,465	10-13-1998	Normile et al.	1- 382/253
		<sup>US-</sup> 5,748,904	05-05-1998	Huang et al.	. 345/544
		<sup>US-</sup> 4,821,208-	04-11-1989	Ryan et al.	345/550
		<sup>US-</sup> 5,787,192	07-28-1998	Takaichi et al.	1. 382/166
		<sup>US-</sup> 5,956,425	09-21-1999	Yoshida	382/234
		<sup>US-</sup> 6,075,619	06-13-2000	lizuka	1.382/166
		US-4,887,151	12-12-1989	' Wataya	358 / 539
120		<sup>US-</sup> 5,742,892	04-21-1998	Chaddha	1.725/140
, y		US			
		US-	,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
		US-			
		US-			
		US-			
		US-	<u> </u>		
		US-			
***************************************		US-		_	

	FOREIGN PATENT DOCUMENTS							
Examiner	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines,			
Initials* No.1	No.¹	Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear			
AD		JP 405216993	08-27-1993	Shigenaga	GOGF 015/70			
				0 0	/			
***************************************								

		A					
Examiner Signature	1	tnh	) <i>C</i>	Date Considered	3/9	4/64	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08b(05-03)

Approved for use through 04/30/2003. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

PA1732US

der the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO Complete if Known **Application Number** 10/052,613 INFORMATION DISCLOSURE Filing Date RECEIVED January 17, 2002 STATEMENT BY APPLICANT First Named Inventor Hong Art Unit 2621 26 (Use as many sheets as necessary) **Examiner Name** Unknown Technology Center 2500

Attorney Docket Number

Sheet

NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, Examiner Cite magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city Initials\* No.1 and/or country where published. Feng et al., "A Dynamic Address Vector Quantization Algorithm Based on Inter-Block and Inter-Color Correction for Color Image Coding," IEEE International Conference on Acoustics, Speech and Signal Processing, Vol. 3, May 1989, pp. 1755-58. Schilling et al., "Texram: A Smart Memory for Texturing," IEEE Computer Graphics & Applications, May 1996, Vol. 16, No. 3, pp. 9-19. Knittel et al., "Hardware and Software for Superior Texture Performance," In 10; Eurographics Hardware Workshop 1995, Maastricht, The Netherlands, August 28-29, 1995, pp. 1-8. Campbell et al., "Two Bit/Pixel Full Color Encoding," Computer Graphics (Proc. SIGGRAPH 1986), August 18-22, 1986, Vol. 20, No. 4, Dallas, TX, pp. 215-219. Yang et al., "Hybrid Adaptive Block Truncation Coding for Image Compression," Optical Engineering, Soc. of Photo-Optical Instrumentation Engineers, Bellingham, USA, Vo. 36, No. 4, April 1, 1997, pp. 1021-27. Kugler, "High-Performance Texture Decompression Hardware," Visual Computer, Springer, Berlin, Germany, Vol. 13, No. 2, 1997, pp. 51-63. Panos Nasiopoulos et al., "Adaptive Compression Coding," IEEE Transactions on Communications, IEEE Inc., New York, USA, Vol. 39, No. 8, August 1, 1991, pp. 1245-54. Delp E.J. et al., "Image Compression Using Block Truncation Coding," IEEE Inc., New York, USA, Vol. COM-27, No. 9, September 1979, pp. 1335-1342. Yang et al., "Use of Radius Weighted Mean to Cluster Two-Class Data," Electronics Letters, IEE Stevenage, Great Britain, Vol. 30, No. 10, May 12, 1994, pp. 757-759. Russ, J.C. et al., "Optimal Grey Scale Images from Multiplane Color Images," Journal of Computer-Assisted Microscopy, Dec. 1995, Plenum, USA, Vol. 7, No. 4, pp. 221-33.

Examiner Signature Date Consider	red 3/	21/	64

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08b(05-03)

Approved for use through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
nder the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

	Complete if Known	
Application Number	10/052,613	RECEIVED
Filing Date	January 17, 2002	TILVEIVED
First Named Inventor	Hong	JUN 2 3 2008
Art Unit	2621 4624	Toohnolossi
Examiner Name	Unknown /	Technology Center 260
Attorney Docket Number	PA1732US	
	Application Number Filing Date First Named Inventor Art Unit Examiner Name	Filing Date January 17, 2002  First Named Inventor Hong  Art Unit 2621  Examiner Name Unknown

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
An	8	Knittel et al., "Hardware for Superior Texture Performance," Eurographics Workshop on Graphics Hardware, July 28, 1995, pp. 33-40.	
	•••••		••••••
••••••			
••••••	·····		
	***************************************		
	•••••••		
Examiner		Andr Date 3/21/6V	

Signature  $\cdot (NV)$ Considered

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria; VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.